Appl. No. : **10/044,304**
Filed : **October 25, 2001**

AMENDMENTS TO THE CLAIMS

Claims 1-17 (Canceled)

18. (Currently amended) ~~The eyeglass lens of Claim 3 in which~~ An eyeglass lens comprising:

a first layer comprising a lens or lens blank having a constant index of refraction; and

at least one second layer comprising a material having a varying index of refraction, the second layer having a substantially constant thickness;

wherein the first layer is configured to correct at least one lower order aberration along an optical axis of a patient, and ~~in which~~ wherein the second layer comprises a plurality of zones, each of the zones being configured such that the varying index of refraction within each of the zones corrects for a higher order aberration of the patient.

19. (Canceled)

20. (Currently amended) ~~The eyeglass lens of Claim 3~~ An eyeglass lens comprising:

a first layer comprising a lens or lens blank having a constant index of refraction; and

at least one second layer comprising a material having a varying index of refraction, the second layer having a substantially constant thickness;

wherein the lens is configured to create aberrations that warp a patient's retinal image around dysfunctional retinal tissue.

21. (Canceled)

22. (Currently amended) ~~The eyeglass lens of Claim 21 in which~~ An eyeglass lens comprising:

a first layer comprising a lens or lens blank having a constant index of refraction; and

at least one second layer comprising a material having a varying index of refraction, the second layer having a substantially constant thickness;

wherein the first layer is a single vision lens configured to correct for far vision, and the varying index of refraction in the second layer is configured to correct for ~~the~~ reading vision.

23. (Currently amended) ~~The eyeglass lens of Claim 21 in which~~ An eyeglass lens comprising:

a first layer comprising a lens or lens blank having a constant index of refraction; and

at least one second layer comprising a material having a varying index of refraction, the second layer having a substantially constant thickness;

wherein the first layer is configured to correct a patient's vision at one distance, and ~~in which~~ wherein the second layer comprises a plurality of zones, each of the zones being configured such that the varying index of refraction within each of the zones corrects for the patient's vision at a second distance.

Claims 24-26 (Canceled)